



Form PTO 449

Application Number

10/677,545

Inventor

Eric Chao XU

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Title

Multi-Stage AP Mechanical Pulping with Refiner Blow Line
Treatment

Filing Date

October 2, 2003

Group Art Unit

1625

Docket Number

ANDRPR/385/US

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ALK	4,294,653	10-1981	Lindahl et al			
	4,311,553	1-1982	Akerlund et al			
	4,718,980	1-1988	Lowrie et al			
	4,756,799	7-1988	Bengtsson et al			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO
WO 95/34711	12/21/95	WIPD	—	—		
WO 03/008703 A1	1/30/2003	WIPD	—	—		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

International Search Report for PCT/US03/31341

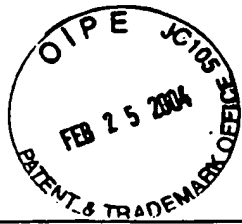
EXAMINER

Anna Kinney

DATE CONSIDERED

12/12/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Application No. 10/677,545		Inventor Eric Chao XU		
	Title Multi-Stage AP Mechanical Pulping With Refiner Blow Line Treatment				
	Filing Date Oct. 2, 2004		Group Art Unit 1625	Docket No. ANDRPR/385/US	
UNITED STATES PATENT DOCUMENTS					
Examiner Initial	Document No.	Date	Name	Class	
ALK	Pub. No. US2002/0189021 App. No. 09/860,025	Pub. Dec. 19, 2002 Filed: May 16, 2001	Haynes et al		
FOREIGN PATENT DOCUMENTS					
Examiner Initial	Document No.	Date	Country	Name	Translation
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
Examiner Initial					
Examiner	Date Considered				
Anna Kinney	12/12/05				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.					

G:\AYR saved docs\Filing Docs\Andr\ANDRPR385US 02-23-04 IDS&1449.doc



Sheet 1 of 5

Form PTO-1449

Application Number

10/677,545

Inventor

Eric Chao XU

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Title

Multi-Stage AP Mechanical Pulping with Refiner Blow Line
Treatment

Filing Date

October 2, 2003

Group Art Unit

1625

Docket Number

ANDRPR/385/US

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ALK	4,270,976	06/02/1981	Sandstorm, et al			
I	6,743,332	06/01/2004	Haynes, et al			
I	6,881,299	04/19/2005	Parrish, et al			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

Anna Kinney

DATE CONSIDERED

12/12/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>			Application Number 10/677,545	Inventor Eric Chao XU			
			Title Multi-Stage AP Mechanical Pulping with Refiner Blow Line Treatment				
			Filing Date October 2, 2003	Group Art Unit 1625	Docket Number ANDRPR/385/US		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER		DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
OTHER DOCUMENTS <small>(Including Author, Title, Date, Pertinent Pages, Etc.)</small>							
ALK 		Eric C. Xu – "A New Concept in Alkaline Peroxide Mechanical Pulping", 1999 <i>International Mechanical Pulping Conference Proceedings</i> , Houston, May 24-26, 1999. P. 5A-3.					
		Eric C. Xu – "A New Technology for Utilization of South American Eucalyptus in Paper and Board Manufacture", 32 nd <i>ABTCP Annual Conference</i> , Sao Paulo, Brazil, October 18-21, 1999					
		Eric C. Xu – "P-RC Alkaline Peroxide Mechanical Pulping of Hardwood Part 1 – Aspen, Beech, Birch, Cottonwood and Maple" <i>PATAC annual meeting proceedings</i> , Montreal 2000					
		Eric C. Xu – "P-RC APMP Pulps from Asian Tropical Hardwoods". Asia Paper conference proceedings, Singapore, April 23-27, 2000					
		Eric C. Xu – "Process Selection for Chemical Mechanical Pulping of Aspen" <i>PAPTAC Annual Meeting Montreal</i> , January 29-February 2001					
		Eric C. XU – "P-RC APMP Pulping of Hardwood and its Comparison with Chemical Pulping" <i>Intl. Symp. Environmentally Friendly and Emerging Technologies for a sustainable pulp & Paper Industry Conf. Proceedings</i> , Taiwan, April 25-27, 2000					
EXAMINER		DATE CONSIDERED					
		12/17/05					
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.							

Form PTO-1449	Application Number 10/677,545	Inventor Eric Chao XU	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Title Multi-Stage AP Mechanical Pulping with Refiner Blow Line Treatment		
	Filing Date October 2, 2003	Group Art Unit 1625	Docket Number ANDRPR/385/US
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
ALK	Strunk, W.G. and Meng, T., "Status Report: Pulp Bleaching with Hydrogen Peroxide During Refining". <i>Pulp and Paper</i> 60 (11): (1986).		
	Xu, E.C., Sabourin, M.J., and Cort, J.B., "Evaluation of APMP and BCTMP Processes for Market Pulp Properties from South American Eucalyptus Species". <i>1996 Tappi Pulping Conference Proceedings</i> , p.705.		
	Xu, E.C., "Chemical Treatment in Mechanical Pulping, Part 1: South American Eucalyptus (Process and Properties)". <i>1997 Tappi Pulping Conference Proceedings</i> , p.985.		
	Xu, E.C., "Chemical Treatment in Mechanical Pulping, Part 2: North American Aspen (Process and Properties)". <i>1998 CPPA Technical Section Annual Meeting Proceedings</i> , p. B51		
	Xu, E.C., "Chemical Treatment in Mechanical Pulping, Part 3: Pulp Yield and Chemical Pretreatment". <i>1998 Tappi Pulping Conference Proceedings</i> , p. 391.		
	Xu, E.C., "Properties and Papermaking Potential of APMP Pulp from Acacia Mangium", <i>52nd APPITA Annual General Conference Proceedings</i> , (Brisbane, Australia, May 11-16, 1998), pp. 501-508.		
	Sferraza, M.J. and Bohn, W.L., "Alkaline Peroxide Mechanical Pulping: The Pulp of the 1990's", <i>22nd ABTCP Pulp and Paper Annual Meeting</i> , (San Paulo, Brazil, November 20-24, 1989).		
	Gentile, V.M., Tschirner, U., and Wilder, H.D., "The Scott Paper Alkaline Peroxide High Yield Pulping Process". <i>1991 International Mechanical Pulping Conference Proceedings</i> , p. 199.		
	Heitner, C., Beatson, R.P., and Atack, D., "Ultra-High Yield Pulping Part V: High Compression Impregnation of Softwood Chips with Sodium Sulphite – A Method of Producing CMP with High Wet and Dry Strength", <i>paperi ja Puu</i> (8): 417 (1985).		
	Sharpe, P.E. and Rothenberg, I., "Refiner Hydrogen Peroxide Bleaching of Thermomechanical Pulps", <i>Tappi Journal</i> 71 (5): 109 (1988).		

Anna Kinney

12/17/05

Form PTO-1449		Application Number 10/677,545		Inventor Eric Chao XU	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Title Multi-Stage AP Mechanical Pulping with Refiner Blow Line Treatment			
		Filing Date October 2, 2003		Group Art Unit 1625	
		Docket Number ANDRPR/385/US			
	AK	Springer, R., Huang, Y., Davies, D., Kronis, J., and Heimbürger, S., "Refiner Peroxide Bleaching at Daishowa Port Angeles". 84 th CPPA Annual Meeting Proceedings, p. A11.			
		Marton, R., Geoff, S., Brown, A.F., and Granzow, S. "Hardwood TMP and RMP Modifications". <i>Tappi Jpournal</i> 62:1 (1979), p. 49.			
		Bohn, W. and Sferrazza, M., "Alkaline peroxide mechanical pulping: a revolution in high yield pulping". 1989 <i>International Mechanical Pulping Conference Proceedings</i> , Helsinki, Finland.			
		Cannell, E. and Cockran, R., "The future of BCTMP". <i>Pulp and Paper</i> , May 2000, pp. 61-76.			
		Sabourin, M. and Presley, J., "Low chemical alkaline peroxide TMP – a means for upgrading newsprint mills". 1992 <i>Tappi Pulping Conference Proceedings</i> , Book 3 pp. 1135-114			
		Heimbürger, S. Quick, T. Sabourin, M., Trmblay, S., and Shaw, G., "One and two stage AP-TMP – a route to high brightness pulp". <i>Tappi Journal</i> Volume 79: No. 8 (1996) pp.139-144.			
		Xu, E.C., "Mechanical Pulping of South American Eucalyptus – Technology, Pulp Properties and Application Potential". 1 st ABTCP <i>Pulping Technology Conference</i> – San Paulo, Brazil, May 5-7, 1998.			

G:\AYR saved docs\Filing Docs\Andrpr\andr385us\andrpr385us 09-20-05 second supp ids.doc

Anna Kenney

12/17/05

[illegible]